

REMARKS

Claims 1-8 are pending. By this Amendment, claims 1 and 6-8 are amended to even more clearly distinguish from the cited references, claims 5 and 7 are amended to improve punctuation, claim 6 is amended to overcome the Office Action's rejection under 35 U.S.C. §101, claims 2, 3 and 8 are amended to improve grammar and the Abstract is amended to overcome the Office Action's objection. Support for the amendment of claims 1 and 6-8 can be found in Applicants' specification, for example, on page 6, lines 25-29. No new matter is added by the amendments.

The Abstract stands objected to. The Abstract has been amended to overcome the objection. Withdrawal of the objection is respectfully requested.

Claim 6 stands rejected under 35 U.S.C. §101. Claim 6 has been amended to overcome the rejection. Withdrawal of the rejection is respectfully requested.

Claims 1-8 stand rejected under 35 U.S.C. §103(a) over Kennedy (U.S. Patent No. 6,754,192) in view of Haugli (U.S. Patent Publication No. 2004/0125776). The rejection is respectfully traversed.

Kennedy in view of Haugli fails to disclose or render obvious the combinations of features recited in independent claims 1 and 6-8. In particular, Kennedy in view of Haugli fails to disclose or render obvious "extracting routing information from a transport or network layer of the network, using change-of-state notification means with which the application has previously been register" and "forwarding said routing information extracted by the notification means to the application" as recited in independent claim 1, " a computer program for performing a change-of-state notification method, the method executed by a computer, wherein the program includes, for an application that has previously been registered with the program, instructions causing the computer to operate as means for extracting routing information from a transport or network layer of the network, and means

for forwarding the extracted information to the application" as recited in independent claim 6, "a system for notifying changes-of-state in the resources of a network, the system comprising the network and at least one application adapted to execute on the network, and including a computer program installed on at least one node of the network, the program including, for an application that has previously been registered with the program, instructions for causing the node to operate as means for extracting routing information from a transport or network layer of the network, and means for forwarding the extracted information to the application" as recited in independent claim 7 and "node of a network, comprising routing applications, the node storing a computer program including, for an application that has previously been registered with the program, instructions for causing the node to operate as means for extracting routing information from a transport or network layer of the network, and means for forwarding the extracted information to the application" as recited in claim 8.

Kennedy discloses a method for managing the route in an ad-hoc network by switching between two route discovery processes. See Abstract. Kennedy discloses that the mobile ad-hoc network has a plurality of wireless mobile nodes 12 including a router 20 having a controller 24. The route table 36 is updated according to a current one of the two processes (either a proactive or reactive route discovery process). See col. 6, lines 27-59. The method of Kennedy only deals with the routing management at the transport or network layer and does not deal with applications of the application layer, because Kennedy does not address the applications. Kennedy fails to disclose a feature corresponding to "extracting routing information from a transport or network layer of the network, using change-of-state notification means with which the application has previously been registered" as recited in independent claim 1. Haugli fails to overcome the deficiencies of Kennedy explained above. Thus, claim 1 is patentable. Accordingly, dependent claims 2-5 also are patentable by their dependence on claim 1 for at least the reasons explained above regarding claim 1.

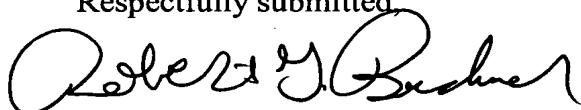
Independent claims 6-8 also are patentable for reasons similar to those explained above regarding independent claim 1.

Withdrawal of the rejection is respectfully requested.

In view of the foregoing, it is respectfully submitted that this application is in condition for allowance. Favorable reconsideration and prompt allowance of all pending claims are earnestly solicited.

Should the Examiner believe that anything further would be desirable in order to place this application in even better condition for allowance, the Examiner is invited to contact the undersigned at the telephone number set forth below.

Respectfully submitted,



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Attachment:
Abstract

Date: May 28, 2009

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